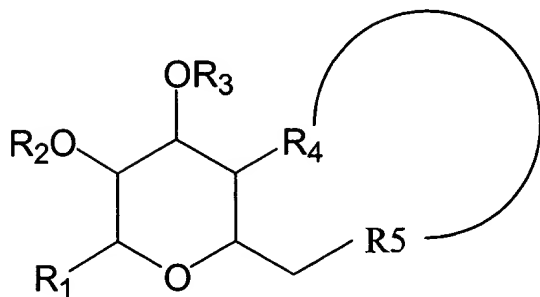


Amendments to the Claims

1. (Currently amended) A compound of the formula:



wherein

R₁ is -H, -SPh, -Ph, -PhS, -allyl, -Bn, -alkyl, or -aryl, ~~alkenyl, or alkynyl~~;

R₂ is -H, -Et, -allyl, -Me, -Bn, -alkyl, or -aryl, ~~alkenyl, or alkynyl~~;

R₃ is -H, -Et, -Me, -allyl, -Bn, -alkyl, or -aryl, ~~alkenyl, or alkynyl~~; and

R₄ and R₅ form a ring and is-ester-C₁₀-alkenyl-ester-.

2. (Withdrawn) A method of treating a pathogenic bacterial, fungal, viral, or protozoal infection in a mammalian subject comprising the step of administering to the subject a composition comprising at least one compound of claim 1.
3. (Withdrawn) A method of treating a tumor in a mammalian subject comprising the step of administering to the subject a composition comprising at least one compound of claim 1.
4. (Withdrawn) The method of claim 2 wherein the composition contains a compound of claim 1 in an effective anti-bacterial, anti-fungal, anti-viral, or anti-protozoal amount.
5. (Withdrawn) The method of claim 3 wherein the composition contains a compound of claim 1 in an effective anti-tumorigenic amount.
6. (Withdrawn) The method of claim 2 wherein the mammalian subject is a human patient or another mammal.

7. (Withdrawn) A method for treating a pathogenic bacterial, fungal, viral or protozoal infection in a mammalian subject where the infective agent is resistant to one or more other therapies, comprising the step of administering to the subject a composition comprising an effective anti-bacterial, anti-fungal, anti-viral, or anti-protozoal amount of a compound of claim 1.
8. (Withdrawn) A compound as defined in claim 1, wherein R_4 and R_5 do not form a ring and are each -OH.
9. (Withdrawn) A method of treating a pathogenic bacterial, fungal, viral, or protozoal infection in a mammalian subject comprising the step of administering to the subject a composition comprising at least one compound of claim 8.
10. (Withdrawn) A method of treating a tumor in a mammalian subject comprising the step of administering to the subject a composition comprising at least one compound of claim 8.
11. (Withdrawn) The method of claim 9 wherein the composition contains a compound of claim 8 in an effective anti-bacterial, anti-fungal, anti-viral, or anti-protozoal amount.
12. (Withdrawn) The method of claim 10 wherein the composition contains a compound of claim 8 in an effective anti-tumorigenic amount.
13. (Withdrawn) The method of claim 9 wherein the mammalian subject is a human patient or another mammal.
14. (Withdrawn) A method for treating a pathogenic bacterial, fungal, viral or protozoal infection in a mammalian subject where the infective agent is resistant to one or more other therapies, comprising the step of administering to the subject a composition comprising an effective anti-bacterial, anti-fungal, anti-viral, or anti-protozoal amount of a compound of claim 8.